

CERTIFICATE OF TRANSMISSION (37 CFR 1.8(A))

PATENT

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Date: May 30, 2002

Laura J. Kelly

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

| | | | |
|--|----------------------------|----------------------------------|---|
| APPLN NUMBER 09/205,653 | FILING DATE 03 DEC 1998 | FIRST NAMED INVENTOR ELDERING | ATTY. DKT. NO. T703-00 (formerly 8887.3003) |
| TITLE CLIENT-SERVER BASED SUBSCRIBER CHARACTERIZATION SYSTEM | | | ART UNIT 2171 EXAMINER LE, U |

Assistant Commissioner for Patents
Washington, DC 20231

Received

MAY 30 2002

SUPPLEMENTAL AMENDMENT

Technology Center 2100

This Amendment is in response to a telephone conversation with the Examiner on 13 March 2002, in which she stated the application would be in condition for allowance if the Applicant submitted a terminal disclaimer related to Applicants Patent No. 6,298,348 and an amendment to claim 88. The Terminal Disclaimer to avoid a potential Double Patenting Rejection with the appropriate fee is being submitted along with this amendment.

In the Claims

Please amend the following claim:

88. (Amended) The method of claim 83, wherein the heuristic rules assign probabilities for the [interaction traits] subscriber having certain non-interaction traits associated therewith.

DUPLICATE OF
AMENDMENT
NO NEED TO
ENTER

WL
30 MAY 02

Supplemental Amendment

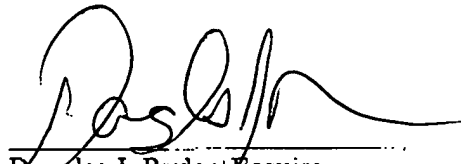
-1-

09/205,653

Remarks

It is Applicants understanding that upon entry of this supplemental amendment and terminal disclaimer that the application having claims 52-99 is in condition for allowance and that a Notice of Allowance will be issued shortly.

Respectfully submitted,



Douglas J. Ryder, Esquire
Reg. No. 43,073

Date:

5/30/02

Expanse Networks, Inc.
300 North Broad Street
Doylestown, PA 18901

Phone: (215) 348-0265
Fax: (215) 348-4265
email dryder@expanse.tv

generating the subscriber profile by applying the heuristic rules to the interaction traits.

5 84. The method of claim 83, wherein said generating the subscriber profile includes generating the subscriber profile having at least one non-interaction trait that is not child/adult distinction related.

85. The method of claim 83, wherein the non-interaction traits are demographic traits.

10

86. The method of claim 83, wherein the heuristic rules associate the interaction traits to the non-interaction traits.

15 87. The method of claim 86, wherein interaction traits to non-interaction traits associations include at least some subset of

channel change speed to gender, income level or a combination thereof;

programs to gender, work status, or a combination thereof; and

program categories, program sub-categories, program content or some

combination thereof to gender, age, income level, family size, or some combination

20

thereof.

88. The method of claim 83, wherein the heuristic rules assign probabilities for the subscriber having certain non-interaction traits associated therewith.

EXPANSE
networks

a: 300 N Broad Street Doylestown, PA 18901
p: 215.348.0265 f: 215.348.4265
w: www.expanse.tv

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Technology Center 2100

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Date: May 30, 2002

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☒ Urgent

☒ For Review

☒ Please Comment

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● Comments: **ATTN: Examiner Uyen T. Le**

As per our telephone conversation today, attached is a Supplemental Amendment with Terminal Disclaimer. As discussed, Mr. Ryder will be at your office sometime today to sign the attached documents.

****Please confirm receipt of the attached papers via return facsimile receipt**

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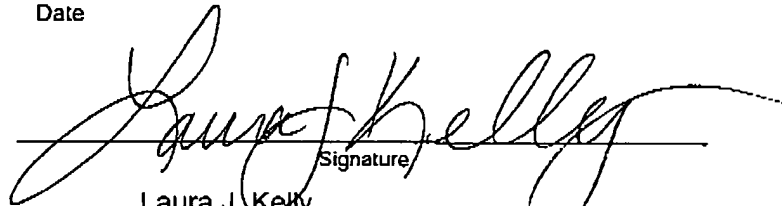
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PTO/SB/97 (08-00)
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Date



Signature
Laura J. Kelly

Typed or printed name of person signing Certificate

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- 1.) Transmittal (1p.)
- 2.) Terminal Disclaimer (35 U.S.C. 154) (1p.)
- 3.) Amendment (2pp.)
- 4.) Amended Replacement Page (1p.)
- 5.) Fee Transmittal (1p.)

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MAY 30 2002

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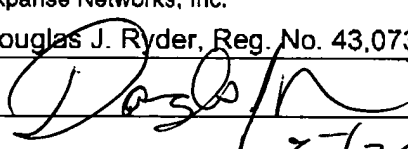
PTO/SB/21 (08-00)

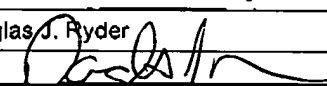
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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| | | | |
|--|-----------------------------|-------------------------------|---------|
| TRANSMITTAL FORM (to be used for all correspondence after initial filing) CUSTOMER NUMBER 27832 | Application Number | 09/205,653 | |
| | Filing Date | 03 DECEMBER 1998 | |
| | First Named Inventor | ELDERING | |
| | Group Art Unit | 2171 | |
| | Examiner Name | LE, U. | |
| Total Number of Pages in This Submission | 3 | Attorney Docket Number | T703-00 |

| ENCLOSURES (check all that apply) | | |
|---|---|--|
| <input checked="" type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input checked="" type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input type="checkbox"/> Other Enclosure(s) (please identify below): |
| Remarks | | |

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT | |
|--|---|
| Firm or Individual name | Expanse Networks, Inc. Douglas J. Ryder, Reg. No. 43,073 |
| Signature |  |
| Date | 5/30/02 |

| CERTIFICATE OF MAILING | |
|--|---|
| I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: _____ | |
| Typed or printed name | Douglas J. Ryder |
| Signature |  |
| Date | 5/30/02 |

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PTO/SB/17 (11-00)

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**FEE TRANSMITTAL
for FY 2001**

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$ 55.00)

Complete if Known

| | |
|----------------------|---------------------|
| Application Number | 09/205,653 |
| Filing Date | 03 DECEMBER 1998 |
| First Named Inventor | ELDERING |
| Examiner Name | LE, U |
| Group Art Unit | 2171 |
| Attorney Docket No. | T703-00 (8887.3003) |

METHOD OF PAYMENT

- 1.
- ☒
- The Commissioner is hereby authorized to charge indicated fees and credit any overpayments to:

| | |
|------------------------|-----------------------|
| Deposit Account Number | 501535 |
| Deposit Account Name | Expans Networks, Inc. |

- ☒
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17

- ☒
- Applicant claims small entity status. See 37 CFR 1.27

- 2.
- ☐
- Payment Enclosed:

☐ Check ☐ Credit card ☐ Money Order ☐ Other**FEE CALCULATION****1. BASIC FILING FEE**

| Large Entity Code | Small Entity Code | Fee (\$) | Fee Description | Fee Paid | |
|-------------------|-------------------|----------|-----------------|------------------------|------|
| 101 | 710 | 201 | 355 | Utility filing fee | 0.00 |
| 106 | 320 | 206 | 160 | Design filing fee | 0.00 |
| 107 | 480 | 207 | 245 | Plant filing fee | 0.00 |
| 108 | 710 | 208 | 355 | Reissue filing fee | 0.00 |
| 114 | 150 | 214 | 75 | Provisional filing fee | 0.00 |

SUBTOTAL (1) (\$ 0.00)

2. EXTRA CLAIM FEES

| Total Claims | Extra Claims | Fee from below | Fee Paid |
|--------------|--------------|----------------|---------------|
| 48 | -48** = 0 | 9.00 | 0.00 |
| 9 | -9** = 0 | 40.00 | 0.00 |
| | | | 135.00 = 0.00 |

| Large Entity Code | Small Entity Code | Fee (\$) | Fee Description | |
|-------------------|-------------------|----------|-----------------|--|
| 103 | 18 | 203 | 9 | Claims in excess of 20 |
| 102 | 80 | 202 | 40 | Independent claims in excess of 3 |
| 104 | 270 | 204 | 135 | Multiple dependent claim, if not paid |
| 109 | 80 | 209 | 40 | ** Reissue independent claims over original patent |
| 110 | 18 | 210 | 9 | ** Reissue claims in excess of 20 and over original patent |

SUBTOTAL (2) (\$ 0.00)

**for number previously paid. If greater: For Reissues, see above

FEE CALCULATION (continued)**3. ADDITIONAL FEES**

| Large Entity Code | Small Entity Code | Fee (\$) | Fee Description | Fee Paid | |
|--|-------------------|----------|-----------------|--|------|
| 105 | 130 | 205 | 65 | Surcharge - late filing fee or oath | 0.00 |
| 127 | 50 | 227 | 25 | Surcharge - late provisional filing fee or cover sheet | 0.00 |
| 139 | 130 | 139 | 130 | Non-English specification | 0.00 |
| 147 | 2,520 | 147 | 2,520 | For filing a request for ex parte reexamination | 0.00 |
| 112 | 920* | 112 | 920* | Requesting publication of SIR prior to Examiner action | 0.00 |
| 113 | 1,840* | 113 | 1,840* | Requesting publication of SIR after Examiner action | 0.00 |
| 115 | 110 | 215 | 55 | Extension for reply within first month | 0.00 |
| 116 | 390 | 216 | 195 | Extension for reply within second month | 0.00 |
| 117 | 890 | 217 | 445 | Extension for reply within third month | 0.00 |
| 118 | 1,390 | 218 | 695 | Extension for reply within fourth month | 0.00 |
| 128 | 1,890 | 228 | 945 | Extension for reply within fifth month | 0.00 |
| 119 | 310 | 219 | 155 | Notice of Appeal | 0.00 |
| 120 | 310 | 220 | 155 | Filing a brief in support of an appeal | 0.00 |
| 121 | 270 | 221 | 135 | Request for oral hearing | 0.00 |
| 138 | 1,510 | 138 | 1,510 | Petition to institute a public use proceeding | 0.00 |
| 140 | 110 | 240 | 55 | Petition to revive - unavoidable | 0.00 |
| 141 | 1,240 | 241 | 620 | Petition to revive - unintentional | 0.00 |
| 142 | 1,240 | 242 | 620 | Utility issue fee (or reissue) | 0.00 |
| 143 | 440 | 243 | 220 | Design issue fee | 0.00 |
| 144 | 600 | 244 | 300 | Plant issue fee | 0.00 |
| 122 | 130 | 122 | 130 | Petitions to the Commissioner | 0.00 |
| 123 | 50 | 123 | 50 | Processing fee under 37 CFR 1.17(q) | 0.00 |
| 128 | 180 | 128 | 180 | Submission of Information Disclosure Stmt | 0.00 |
| 581 | 40 | 581 | 40 | Recording each patent assignment per property (limit number of properties) | 0.00 |
| 148 | 710 | 246 | 355 | Filing a submission after final rejection (37 CFR § 1.129(a)) | 0.00 |
| 149 | 710 | 249 | 355 | For each additional invention to be examined (37 CFR § 1.129(b)) | 0.00 |
| 179 | 710 | 279 | 355 | Request for Continued Examination (RCE) | 0.00 |
| 169 | 900 | 169 | 900 | Request for expedited examination of a design application | 0.00 |
| Other fee (specify) Terminal Disclaimer under 37 CFR 1.20(d) | | | | 55.00 | |

*Reduced by Basic Filing Fee Paid

SUBTOTAL (3) (\$ 55.00)

SUBMITTED BY

| | | | | |
|-------------------|--------------------|-----------------------------------|----------------|--------------------------|
| Name (Print/Type) | Douglas J. Ryder | Registration No. (Attorney/Agent) | 43,073 | Complete (if applicable) |
| Signature | <i>[Signature]</i> | Telephone | (215) 348-0265 | Date |
| | | | | 5/30/02 |

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